

E7.3-11126

NASA-CR-135664

MAPPING OF THE MAJOR STRUCTURES OF THE AFRICAN RIFT  
SYSTEM USING ERTS-1

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OCTOBER 1973  
TYPE II REPORT FOR PERIOD JANUARY - JUNE 1973

PREPARED FOR

GODDARD SPACE FLIGHT CENTER  
GREENBELT, MARYLAND 20771

(E73-11126) MAPPING OF THE MAJOR  
STRUCTURES OF THE AFRICAN RIFT SYSTEM  
USING ERTS-1 Progress Report, 1 Jan. -  
30 Jun. 1973 (Smithsonian Astrophysical  
Observatory) 2 p HC \$3.00 CSCL 08B  
G3/13 01126  
unclas

N73-33281

TECHNICAL REPORT STANDARD TITLE PAGE

1. Report No.	2. Government Accession No.	3. Recipient's Catalog No.	
4. Title and Subtitle Mapping of the Major Structures of the African Rift System Using ERTS-1		5. Report Date Oct. 12, 1973	
		6. Performing Organization Code	
7. Author(s) Dr. Paul Mohr		8. Performing Organization Report No.	
9. Performing Organization Name and Address Smithsonian Astrophysical Observatory 60 Garden Street Cambridge, Mass. 02138		10. Work Unit No.	
		11. Contract or Grant No. NAS5-21748	
12. Sponsoring Agency Name and Address Goddard Space Flight Center Greenbelt, Maryland 20771 Mr. Edmund F. Szajna		13. Type of Report and Period Covered Type II - Jan.-June 1973	
		14. Sponsoring Agency Code	
15. Supplementary Notes			
<p>16. Abstract</p> <p>Paul Mohr has continued to map the major lineaments, structures and lithological formations from 18 cm-sq. ERTS-1 prints of eastern Africa and Yemen. Thus far, Ethiopia, Somali and Yemen include more than 80% of the images received from NASA. These data are now compiled on six 0.3 x 1.3m sheets at a scale of 1:1 million, and regional interpretation is commencing.</p> <p>An expedition was made to the Sagatú Mt. region of central Ethiopia, from 16 March to 3 May 1973, to acquire ground-truth to relate to the ERTS-1 imagery of the eastern margin of the main Ethiopian rift. Continued studies will be the basis of a Ph.D. thesis by Mr. E. Potter (Oregon State Univ.)</p> <p>A scientific trip to Iceland and Europe from 11 July to 5 August gave the opportunity to discuss ERTS-1 imagery of eastern Africa and Iceland with various scientists. Soviet scientists note that ERTS-1 imagery does not cover the Lake Baikal rift in central Siberia, thus precluding comparison with the African rifts.</p>			
17. Key Words (Selected by Author(s))		18. Distribution Statement	
19. Security Classif. (of this report) U	20. Security Classif. (of this page) U	21. No. of Pages	22. Price*

\*For sale by the Clearinghouse for Federal Scientific and Technical Information, Springfield, Virginia 22151.

Figure 2. Technical Report Standard Title Page